

In the Claims

1.-11. (Cancelled)

12. (Currently Amended) A deep drawable austenitic-ferritic stainless steel comprising about 0.2% or less C, about 4% or less Si, about 10% or less Mn, about 0.1% or less P, about 0.03% or less S, about 15 to about 35% Cr, about 1 to about 3% Ni, about 0.05 to about 0.6% N, by mass, and balance of Fe and inevitable impurities, having an austenite and ferrite two-phase structure, the amount of (C + N) in the austenite phase being in a range from ~~about 0.160.38~~ to about 2% by mass, and the volume percentage of the austenite phase being in a range from about 10 to about 85%, and having 48% or larger total elongation determined by tensile test, wherein the steel satisfies:

$$Md(\gamma) = -30 \sim 90$$

where,

$$Md(\gamma) = 551 - 462C(\gamma) - 462N(\gamma) - 9.2Si(\gamma) - 8.1Mn(\gamma) - 13.7Cr(\gamma) - 18.5Mo(\gamma) - 29Ni(\gamma) - 29Cu(\gamma),$$

and each component is of γ phase.

13. (Currently Amended) A punch-stretchable and crevice corrosion resistant austenitic-ferritic stainless steel comprising 0.05% or less C, about 1.2% or less Si, about 2% or less Mn, about 0.1% or less P, about 0.03% or less S, about 15 to about 35% Cr, 0.9% or less Ni, about 0.05 to about 0.6% N, by mass, and balance of Fe and inevitable impurities, the percentage of an austenite phase in the steel being in a range from about 10 to about 85% by volume, the amount of (C + N) in the austenite phase being in a range of 0.36 to about 2% by mass, and having 48% or larger total elongation determined by tensile test, wherein the steel satisfies:

$$Md(\gamma) = -30 \sim 90$$

where,

$$Md(\gamma) = 551 - 462C(\gamma) - 462N(\gamma) - 9.2Si(\gamma) - 8.1Mn(\gamma) - 13.7Cr(\gamma) - 18.5Mo(\gamma) - 29Ni(\gamma) - 29Cu(\gamma),$$

and each component is of γ phase.

14. (Currently Amended) A corrosion resistant at a weld part austenitic-ferritic stainless steel comprising about 0.2% or less C, about 1.2% or less Si, about 4 to about 12% Mn, about 0.1% or less P, about 0.03% or less S, about 15 to about 35% Cr, about 1% or less Ni, about 0.05 to about 0.6% N, 0.005 to 0.5% V by mass, and balance of Fe and inevitable impurities, the percentage of an austenite phase of the steel being in a range from about 10 to about 85% by volume, the

amount of (C + N) in the austenite phase being in a range of 0.38 to about 2% by mass, and having 48% or larger total elongation determined by tensile test, wherein the steel satisfies:

$$Md(\gamma) = -30 \sim 90$$

where,

$$Md(\gamma) = 551 - 462C(\gamma) - 462N(\gamma) - 9.2Si(\gamma) - 8.1Mn(\gamma) - 13.7Cr(\gamma) - 18.5Mo(\gamma) - 29Ni(\gamma) - 29Cu(\gamma),$$

and each component is of γ phase.

15. (Currently Amended) A resistant to intergranular corrosion austenitic-ferritic stainless steel comprising about 0.2% or less C, about 0.4% or less Si, about 2 to about 4% Mn, about 0.1% or less P, about 0.03% or less S, about 15 to about 35% Cr, about 1% or less Ni, about 0.05 to about 0.6% N, by mass, and balance of Fe and inevitable impurities, the percentage of an austenitic phase of the steel being in a range from about 10 to about 85% by volume, the amount of (C + N) in the austenite phase being in a range of 0.38 to about 2% by mass, and having 48% or larger total elongation determined by tensile test, wherein the steel satisfies:

$$Md(\gamma) = -30 \sim 90$$

where,

$$Md(\gamma) = 551 - 462C(\gamma) - 462N(\gamma) - 9.2Si(\gamma) - 8.1Mn(\gamma) - 13.7Cr(\gamma) - 18.5Mo(\gamma) - 29Ni(\gamma) - 29Cu(\gamma),$$

and each component is of γ phase.

16. (Previously Presented) The austenitic-ferritic stainless steel according to any of claims 12 to 15, wherein the stainless steel further comprises one or more of about 4% or less Mo and about 4% or less Cu, by mass.

17. (Cancelled)

18. (Previously Presented) The austenitic-ferritic stainless steel according to any of claims 12 to 15, wherein the stainless steel further comprises 0.1% or less Al by mass.

19. (Previously Presented) The austenitic-ferritic stainless steel according to any of claims 12 to 15, wherein the stainless steel further comprises one or more of about 0.01% or less B, about 0.01% or less Ca, about 0.01% or less Mg, about 0.1% or less REM, and about 0.1% or less Ti, by mass.

20. (Cancelled)